



# Installing PowerBook G4 Titanium DVI Modem

## Tools used in this guide

- [T6 Torx Screwdriver](#) (1)
- [T8 Torx Screwdriver](#) (1)

## Parts relevant to this guide

- [G4 Titanium Onyx or DVI 56k Modem](#) (1)

The 56k internal modem is attached to the optical drive and standard on all models.



## Step 1 - Battery

- Locate the battery release tab on the underside of the G4.
- Slide the battery release tab to the left and lift the battery out of the computer.



## Step 2 - Lower Case

- Remove the seven T8 Torx screws from the lower case.



## Step 3

- Using your thumbs, slide the lower case away from you.
- The lower case may stick in the front on a tab just above the center of the optical drive. Be careful as you work the case off, or you may break the thin strip of plastic just above the drive.
- Lift the lower case off.



## Step 4

- Your laptop should look approximately like this.



## Step 5 - Airport Card

- Firmly grasp the plastic tab attached to the Airport card and pull up and to the left.
- Disconnect the antenna cable from the left side of the Airport card.



### Step 6 - Hard Drive

- Disconnect the hard drive ribbon from the logic board using a spudger or the tip of your finger.



### Step 7

- To free the hard drive, remove the two T8 Torx screws from the right wall of the battery housing.



### Step 8

- Remove the hard drive by lifting the left edge up and out of the computer.
- There are four rubber bumpers that fit over the hard drive screws. Ensure that these bumpers come out when you remove the hard drive.







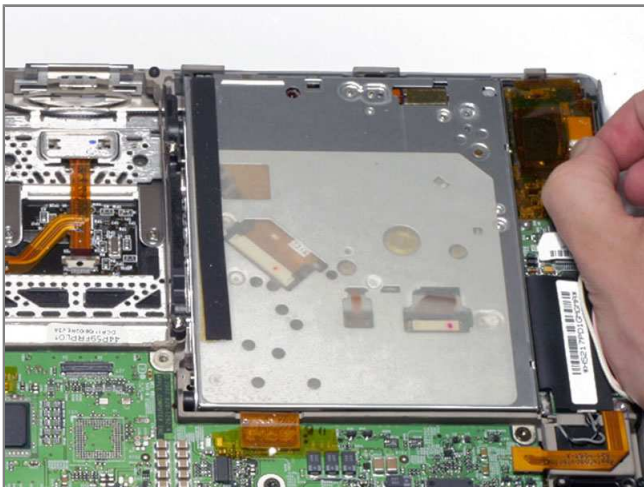
### Step 9

- Your laptop should look approximately like this.



### Step 10 - Optical Drive Removal

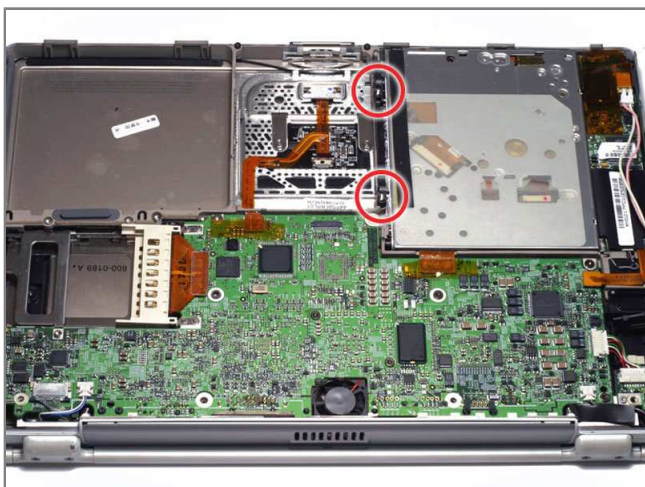
- Disconnect and remove the indicated orange ribbon cable.



### Step 11

- Disconnect the pink and white inverter cable from the inverter board.
- The display inverter has orange plastic shielding around it that looks similar to the tape used elsewhere within the computer. Do not remove the shielding from the inverter.





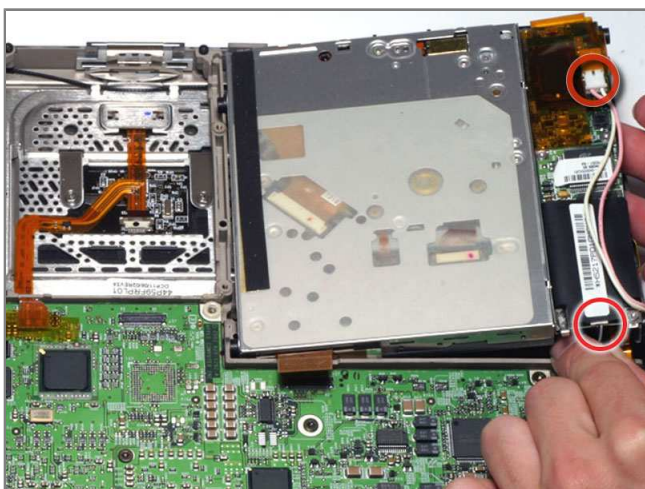
## Step 12

- Remove the two silver T8 Torx screws from the black plastic bar.
- Lift the black plastic bar out.



## Step 13

- Disconnect the two orange connectors from the logic board, removing tape as necessary.



## Step 14

- Lift the drive up on the right side so that you can access and disconnect the modem cable and inverter cable.



### Step 15

- Remove the drive by lifting the right edge up and out of the computer.



### Step 16 - Modem

- Remove the two T6 Torx screws from the modem.
- Lift the modem off the optical drive, carefully guiding the orange ribbon cable through the space in the drive mount.

To reassemble your device, follow these instructions in reverse order.

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